

Preface

The 4th International Conference on Mechanical Engineering, Materials Science and Civil Engineering (ICMEMSCE2016), which was held during 19-20 November 2016 in Sanya, China, is the continuation of the activity of a group of research scientists and specialists who met in 2012 at the 1st ICMEMSCE2012 in Harbin, China. ICMEMSCE2016 provided an excellent international forum for academic exchanges among participants working on mechanical engineering, materials science, civil engineering and other related topics.

In keeping with the successful traditions established at previous conference series, the scope for conference papers was kept broad, with the one restriction that only work of the highest quality would be accepted. In this book of proceedings, all the accepted papers have been strictly selected and peer-reviewed based on their originality, significance and clarity for the purpose of the conference. The book addresses a number of challenges, ideas and open problems in materials science and other related topics, and will be very useful for those who are studying and working in these areas worldwide.

The ICMEMSCE2016 required months of planning and hardworking, and each individual and institutional help has been very important for the success of this conference. On behalf of the Organizing Committee, the Editor of this book would like to acknowledge the valuable comments that we have received from the reviewers and thank to the authors for their contributions to the book. Indeed it was mainly through the involvement of organizations and individuals, and active participation of internationally qualified experts from reputed research institutions and universities that a very valuable international conference could be arranged.

I am sure that this book will serve as an important research tool and the knowledge which will be returned to the community not only as a scientific and valuable literature but also as technology, processes and products.

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